

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference DCM/ED/P09085PC	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 99/ 00932	International filing date (day/month/year) 24/03/1999	(Earliest) Priority Date (day/month/year) 26/03/1998
Applicant DEVRO-TEEPAK LIMITED et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

TRUSSING POULTRY

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☒ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A22C21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 A22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 95 33382 A (VOLK ENTERPRISES INC ; VOLK DANIEL J (US)) 14 December 1995 see page 10, last paragraph - page 11, paragraph 1; figure 8 ---	1,8
A	GB 985 822 A (GORDON JOHNSON) 10 March 1965 ---	
A	FR 2 688 979 A (LINCO FRANCE) 1 October 1993 ---	
A	US 2 842 443 A (RICE) 8 July 1958 ---	
A	FR 2 522 475 A (SPECIAL MANUTENTION) 9 September 1983 -----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier document but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

3 June 1999

Date of mailing of the international search report

10/06/1999

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
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Authorized officer

De Lameillieure, D

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

GB 99/00932

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9533382 A	14-12-1995	US 5498201 A AU 689593 B AU 2605695 A BR 9507936 A CA 2173146 A,C EP 0765123 A US 5735736 A	12-03-1996 02-04-1998 04-01-1996 09-09-1997 14-12-1995 02-04-1997 07-04-1998
GB 985822 A		NONE	
FR 2688979 A	01-10-1993	NONE	
US 2842443 A	08-07-1958	NONE	
FR 2522475 A	09-09-1983	NONE	

F . ENT COOPERATION TREA

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ÉTATS-UNIS D'AMÉRIQUE

in its capacity as elected Office

Date of mailing (day/month/year)

17 November 1999 (17.11.99)

International application No.

PCT/GB99/00932

Applicant's or agent's file reference

DCM/ED/P09085PC

International filing date (day/month/year)

24 March 1999 (24.03.99)

Priority date (day/month/year)

26 March 1998 (26.03.98)

Applicant

BUNN, Rex et al

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

14 October 1999 (14.10.99)

☐ in a notice effecting later election filed with the International Bureau on:2. The election ☒ was☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Marc Salzman

Telephone No.: (41-22) 338.83.38

REPLACEMENT
ART 34 AMDT
WO 99/48375

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CLAIMS

1. A truss for binding the legs of a bird together, the truss being formed of an edible material and applied above the hocks of the bird such that the hocks are crossed and the legs are held together against the breast of the bird with the hocks in proximal but spaced relation to the tail of the bird.

2. A truss as claimed in claim 1, wherein the truss is formed from an edible material comprising one or more of the following materials: collagen, cellulose, and alginate.

3. A truss as claimed in either preceding claim wherein the truss is formed from flattened tubular casing.

4. A truss as claimed in claim 3, wherein the flattened tubular casing is slit to form films or ribbons which are subsequently twisted, folded or plaited.

5. A truss as claimed in claim 4, wherein the film or ribbon is twisted to provide between 15 and 110 twists per metre.

6. A truss as claimed in claim 5, wherein the twisted film or ribbon has between 15 and 50 twists per metre and a composition comprising 3 parts collagen, 2 parts glycerol, 2 parts water and 1 part cellulose.

7. A truss as claimed in claim 5, wherein the twisted film or ribbon has between 75 and 110 twists per metre and a composition comprising 5 parts collagen, 2 parts glycerol, 2 parts water and 1 part cellulose.

8. A method of trussing the legs of a bird together to form a food product, the method comprising the steps of:
positioning the legs of the bird close against the breast of the bird,

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arranging the hocks of the bird in a crossed configuration,

5 applying a truss formed of an edible material above the hocks of the bird such that the hocks are held together against the breast of the bird and in proximal but spaced relation to the tail of the bird.

1/2

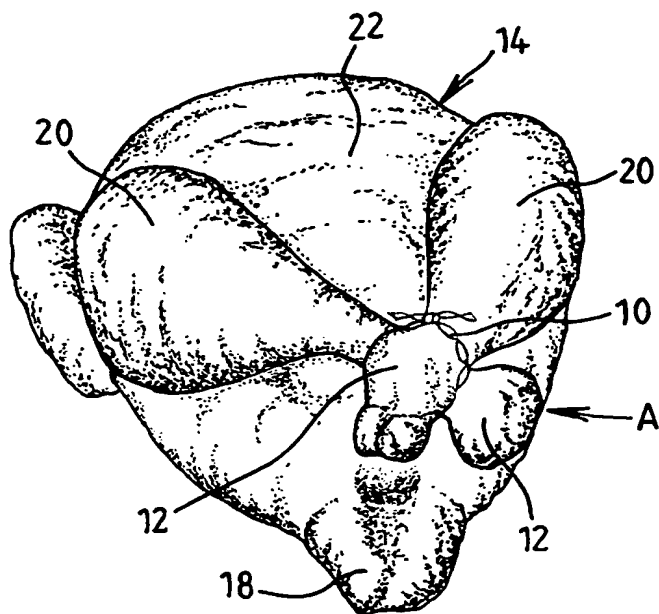


Fig. 1

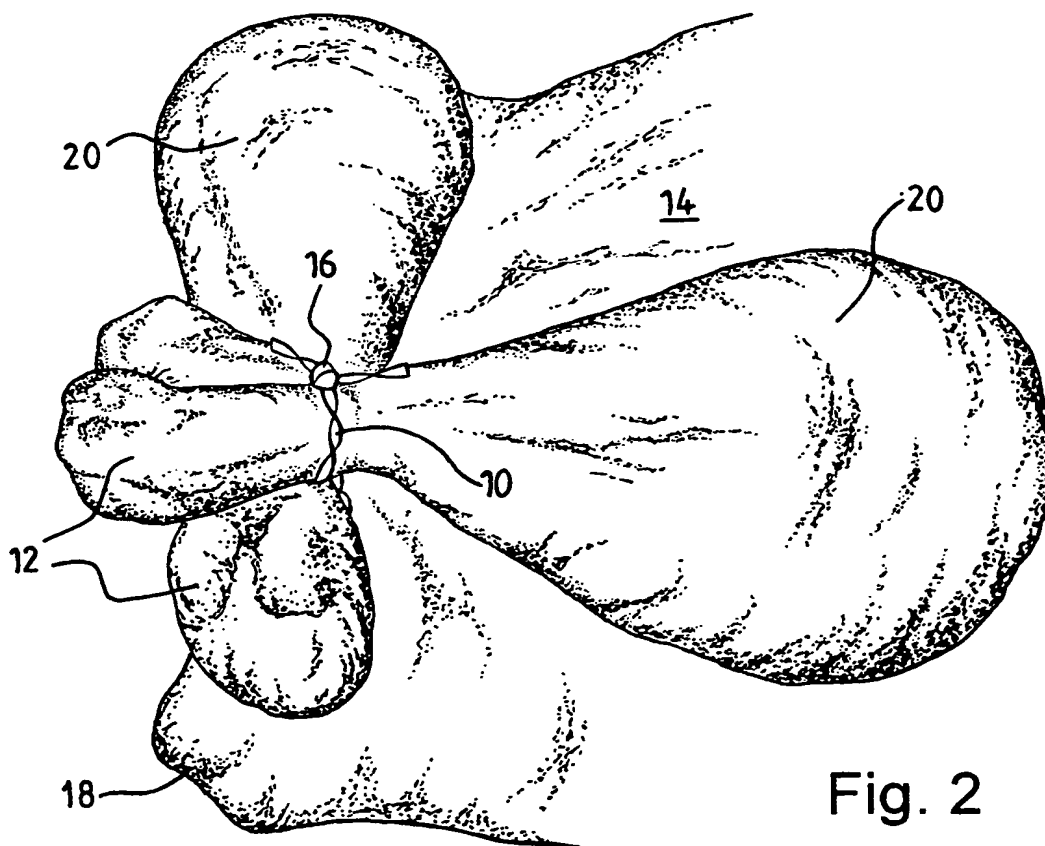


Fig. 2

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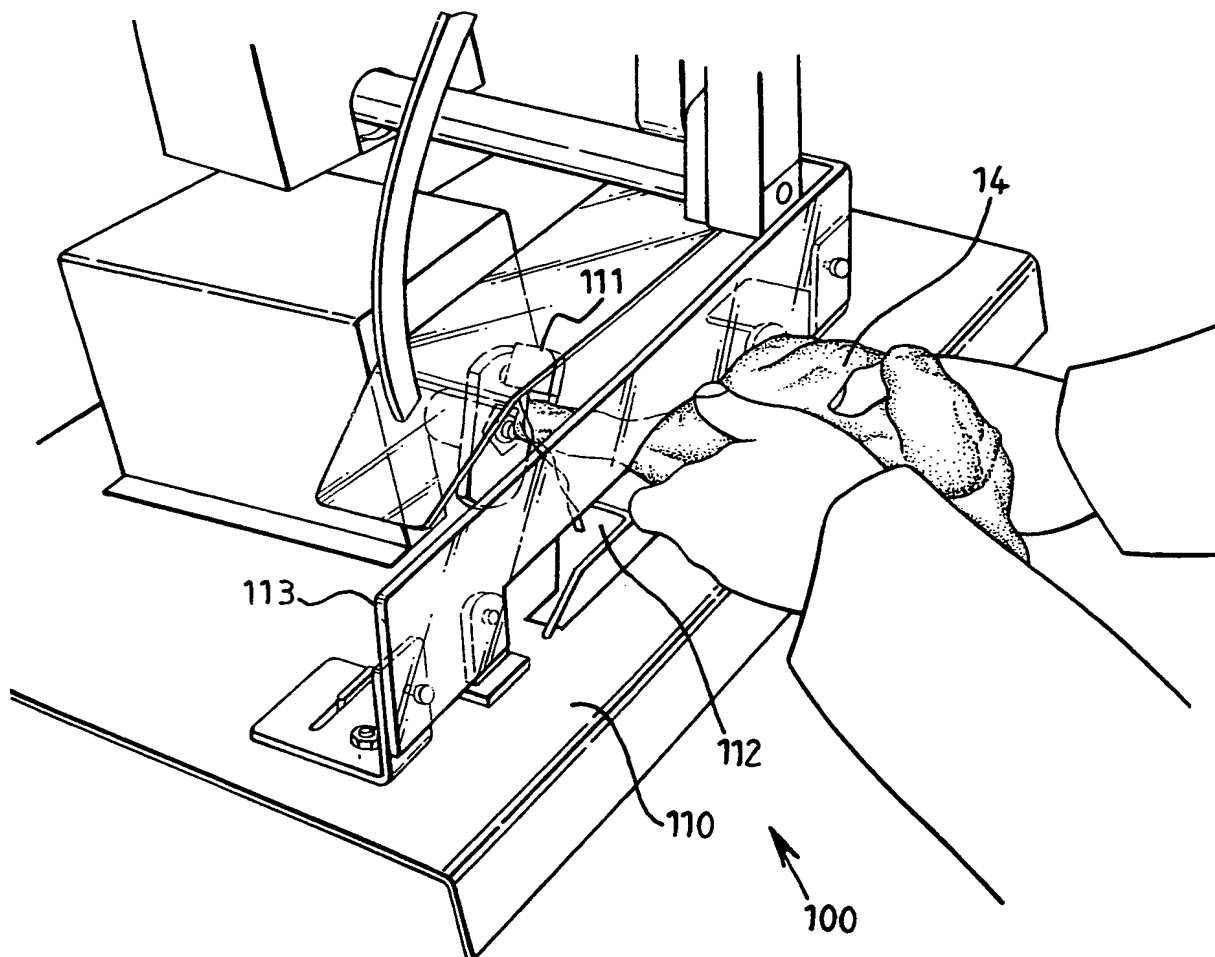


Fig. 3

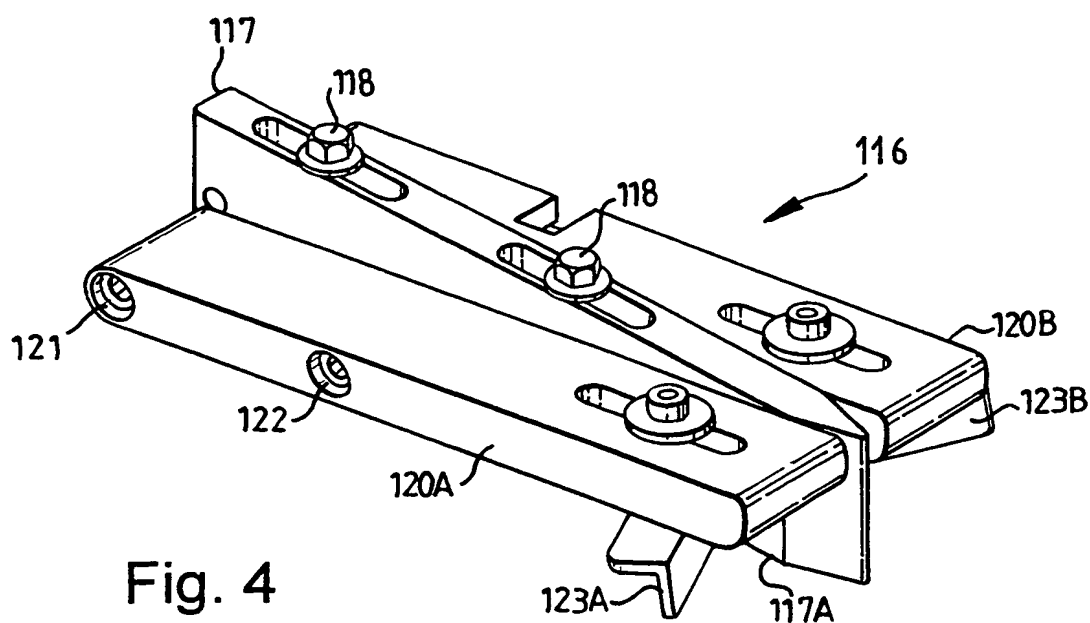


Fig. 4

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REC'D 03 AUG 2000

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference DCM/HS/P09085PC	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)
International application No. PCT/GB99/00932	International filing date (day/month/year) 24/03/1999	Priority date (day/month/year) 26/03/1998
International Patent Classification (IPC) or national classification and IPC A22C21/00		
Applicant DEVRO-TEEPAK LIMITED et al.		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.



2. This REPORT consists of a total of 5 sheets, including this cover sheet.

- ☒ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of ~~5~~⁴ sheets.

3. This report contains indications relating to the following items:

- I ☒ Basis of the report
- II ☐ Priority
- III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV ☐ Lack of unity of invention
- V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI ☐ Certain documents cited
- VII ☒ Certain defects in the international application
- VIII ☐ Certain observations on the international application

Date of submission of the demand 14/10/1999	Date of completion of this report 22.06.00
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465	Authorized officer MARZANO MONTERO., M Telephone No. +49 89 2399 2902 

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/GB99/00932

I. Basis of the report

1. This report has been drawn on the basis of (*substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.*):

Description, pages:

1-9 as originally filed

Claims, No.:

1-8 as received on 12/04/2000 with letter of 10/02/2000

Drawings, sheets:

1/2,2/2 as received on 17/05/1999 with letter of 17/05/1999

2. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
☐ the claims, Nos.:
☐ the drawings, sheets:

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

4. Additional observations, if necessary:

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT**

International application No. PCT/GB99/00932

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	1-8
	No:	Claims	
Inventive step (IS)	Yes:	Claims	
	No:	Claims	1-8
Industrial applicability (IA)	Yes:	Claims	1-8
	No:	Claims	

2. Citations and explanations

see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Item V:

Reference is made to the following documents:

D1: WO 95 33382 A (VOLK ENTERPRISES INC ;VOLK DANIEL J (US)) 14
December 1995

D2: WO 90 01878 (BALDAUF (CH)) 8 March 1990

1. The present application does not meet the requirements of Art. 33(3) PCT because the subject matter of claims 1 and 8 cannot be considered as involving an inventive step for the following reasons:

- 1.1 Document D1, which is considered to represent the most relevant state of the art, discloses (cf. page 10, last paragraph) a food product comprising a bird having its legs bound together by a truss, from which the subject matter of claim 1 differs in that the truss is formed of edible collagen material.

The problem to be solved by the present invention may therefore be regarded as how to provide a food product comprising a bird having its legs bound together by a truss, where this latter does not need to be removed before eating the bird.

Document D2 teaches the use of edible material to keep together unstable objects and is specially directed to meat goods, there included birds (see page 3, lines 6-10). Moreover, the document specifies that the truss is made of gelatine containing material which is a particular kind of collagen material. It would be obvious to the person skilled in the art, namely when the same result is to be achieved, to apply these features with corresponding effect to a food product according to document D1, thereby arriving at a food product according to claim 1. The subject-matter of claim 1 does therefore not involve an inventive step (Article 33(3) PCT).

- 1.2 For the same reasons neither the subject matter of method claim 8 cannot be considered as involving an inventive step.
2. Concerning dependent claims 2 to 7, they appear to relate only to the composition or the mechanical adjustments or properties of the truss. Such properties can only be regarded as inventive, if the food product presents unexpected effects in relation to the known prior art. However, no such effects or properties are indicated in the application. Hence, no inventive step is present in the subject-matter of claims 2-7.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB99/00932

Item VII:

The independent claims are not drafted in the proper two-part "characterised" form recommended by Rule 6.3.(b),(i),(ii) PCT, having a preamble that correctly reflects the nearest prior art. If any amended independent claims are filed, the description is not into agreement with the wording thereof.